

# Converting Colors

Hex(62C2A5)

Have a look what the booklet for  
Hex(62C2A5) contains.

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**Color**

**Hex(62C2A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C2A5
RGB	98, 194, 165
RGB Percent	38%, 76%, 65%
CMY	0.6157, 0.2392, 0.3529
CMYK	0.49, 0.00, 0.15, 0.24
HSL	162°, 44%, 57%
HSV	162°, 49%, 76%
XYZ	31.1203, 43.8969, 42.4300
YIQ	161.9900, -47.9070, -29.3710

# Conversions

## Conversions Part 2

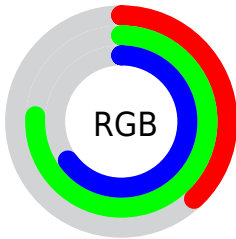
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 155, 194
Decimal	6472357
CIELab	72.16, -35.38, 5.92
CIElCh	72, 35.871, 170.508
Yxy	43.8969, 0.2650, 0.3738
Android (android.graphics.Color)	4284662437 (0xFF62C2A5)
YUV	161.9900, 1.4839, -56.1192
Hunter-Lab	66.2547, -32.1030, 8.4085

# Details

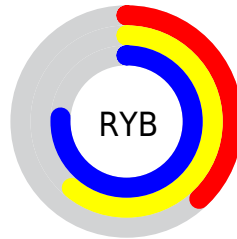
The Hex color **62C2A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C2627F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9AFBDC**, and **268C71** is the 20% darker color. If you saturate the color by 10%, you get **4FC29F**, and if you desaturate by 10%, it is **75C2AB**.

# Distribution



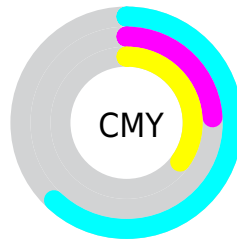
- Red (38%)
- Green (76%)
- Blue (65%)



- Red (38%)
- Yellow (61%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C2A5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 62C2A5 by changing the saturation by 10% instead.





62C2A5



62C2A5

FFFFFF



45A78B



9AFBDC



268C71



B7FFF8



007259



D4FFFF



005941



F1FFFF



00412B



002A17



000E00



000000



62C2A5



62C2A5

 4FC29F

 75C2AB

 3BC299


 89C2B1

 28C293

 9CC2B7

 14C28E

 B0C2BC

 01C288

 C3C2C2

 00C287

 D6C2C8

 EAC2CE

 FDC2D4

 FFC2DA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BBE86



62C2A5



3DC2C7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62C2A5



A6ACEE



E8A080

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62C2A5



C2627F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2999C



62C2A5



D0A1DB

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62C2A5



72B7F1



EA99BD



D0AB70

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62C2A5



39C1DA



EA99BD



ED9D88

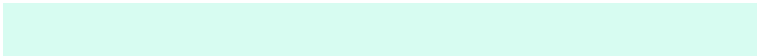


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62C2A5



D7FCF1



80C262



698079



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62C2A5



68FCCF



62B0C2



57615E



00A170



002117



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C2627F



FC6894



C27462



61575A



A10031

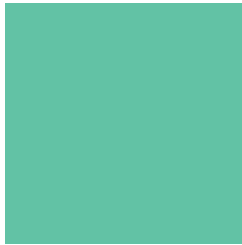


21000A



# Previews

## White Background



This preview shows how the Hex color 62C2A5 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

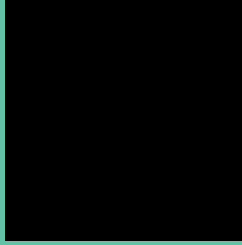
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62C2A5 Background



This preview shows how black text looks on a background with the Hex color 62C2A5.

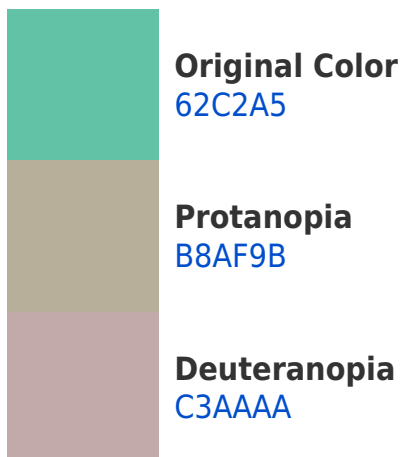


This preview shows how white text looks on a background with the Hex color 62C2A5.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



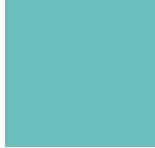
**Original Color**  
62C2A5



**Protanomaly**  
99B69F



**Deuteranomaly**  
A0B3A8



**Tritanomaly**  
69BFBE

# Monochromacy



**Original Color**  
62C2A5



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
8BAEA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C2A5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #62C2A5 looks like.

```
.text, #text, p{  
    color:#62C2A5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #62C2A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C2A5
}
```

## Border

The CSS property to change the border of an element to Hex 62C2A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62C2A5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#62C2A5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #62C2A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C2A5; -webkit-box-shadow:4px 4px  
4px 4px #62C2A5; box-shadow:4px 4px 4px  
4px #62C2A5 }
```

# Background

The CSS property to change the background color of an element to Hex 62C2A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C2A5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#62C2A5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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